



Application for Certification  
Part 1

2017 ModelYear

Durability Group: HCRXGPGNNF08  
Evaporative Familie(s): HCRXR0118PP0  
HCRXR0112PK0

Test Group: HCRXT02.45P3

Four Stroke, Otto Cycle, Gasoline Fueled, Ported FI

Ceramic Monolith Pd, Rh Close Coupled Catalyst

2.0/2.4 Liter I-4

LDT

Applicable Standards:

50 State - BIN 160 Tier 3 / LEV160  
MSAT Compliant

Vehicles Covered:

Jeep Cherokee 4x4 Active Drive II  
Jeep Cherokee Trailhawk 4x4  
Jeep Compass X FWD  
Jeep Patriot X FWD

Vehicle(s) Run:

VID 1 config., Vehicle ID V4KLJ4082 (Exhaust)  
VID 2 config., Vehicle ID L4PFD6873 (EVAP)  
VID 3 config., Vehicle ID K2PFD4647 (EVAP)  
VID 4 config., Vehicle ID K6PMD5278 (EVAP)



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### **Section 1 Correspondence and Communication**

For questions dealing with the Part I application for this Test Group contact:

<u>Name</u>	<u>Title</u>	<u>Responsibility</u>	<u>Phone</u>	<u>E-mail</u>	<u>Fax</u>
Beth Borland	Certification Engineer	Application Submission	248.512.3438	<a href="mailto:beth.borland@fcagroup.com">beth.borland@fcagroup.com</a>	248.576.7928
Steve R. Mazure	Manager Certification Team	Certification Program	248.576.5471	<a href="mailto:steve.mazure@fcagroup.com">steve.mazure@fcagroup.com</a>	248.576.7928

For a complete listing of all Correspondence and Communication Information for FCA US LLC, please see:  
"Common Section Book - Section 1 Correspondence and Communication"

### **Section 2 Durability Group Description**

Durability Group Name: HCRXGPGNNF08

For a complete description of the Durability Group Description please see:  
"Common Section Book - Section 2. Durability Group Description"

### **Section 3 Evaporative/Refueling Family Description**

Evaporative/Refueling Family Name(s):  
HCRXR0118PP0  
HCRXR0112PK0

For a complete description of the Evaporative/Refueling Family Description please see:  
"Common Section Book - Section 3. Evaporative/Refueling Family Description "

For ORVR Agency Review Sign Off please see:  
"Common Section Book - Section 16. Agency Approvals"



#### **Section 4**   **Durability Procedure Description**

Durability Group: HCRXGPGNNF08

Durability Provision Statement:

Based on FCA US LLC 's good engineering judgement, all the vehicles described in this Application for Certification comply with all applicable intermediate and full useful life standards.

For a complete description of the Durability Procedure please see:

"Common Section Book - Section 16. Durability Procedure Description "

Indicate if aged components were used.

Aged Components were used

Indicate whether additive or multiplicative DF's were used.

N/A

List all DF's calculated at both full and intermediate useful life

EPA - Reference VERIFY (hard copies of all VERIFY Reports retained in-house)

And applicable standards (test results and vehicle description).

Carb - Reference Cert Review Sheet

Evaporative/Refueling Family:

HCRXR0118PP0

HCRXR0112PK0

For a complete description of the Durability Procedure please see:

"Common Section Book - Section 16. Durability Procedure Description "

Indicate if aged components were used.

Yes - Bench Aging

Indicate whether additive or multiplicative DF's were used.

Additive

List all DF's calculated at both full and intermediate useful life

EPA - Reference VERIFY (hard copies of all VERIFY Reports retained in-house)

And applicable standards (test results and vehicle description).

Carb - Reference Cert Review Sheet

#### **Section 5**   **Test Group Description**

Test Group Name:

HCRXT02.45P3

Engine displacements covered:

2.0/2.4 Liter

Arrangement and number of cylinders:

I-4

Vehicle classes covered:

LDT

Emission standards class:

BIN 160/LEV160 and MSAT Compliant

AB71 Qualified Vehicles:

No



## **Section 8 Emission Testing Waiver Statements**

Below is a list clearly identifying the standards applicable to this Test Group for which emission testing was not performed. All FCA US LLC applicable vehicles will conform with the emission standards which emission data is not being provided, as allowed under 40 CFR 86.1829-01 or 86.1810-01.

Particulates, HCHO, CST, ASM, NMOG, IM

## **Section 9 OBD Description**

For a complete description of the OBD Description please see: "Common Part 1 Section 16. OBD Description"

For OBD Agency Approvals please see: "Common Part 1 Section 16. Agency Approvals"

OBD Demonstration Compliance Statement: This Test Group meets the full intent of both the Clean Air Act as amended in 1990, section 202(m), and the applicable federal OBD regulations contained in 40 CFR §86.005-17 and 40 CFR §86.1806-01, including a reference to those provisions pertaining to deficiencies in the limited instances where an OBD II system that complies with 1968.2 does not comply with all the requirements of section 1968.1.

## **Section 10 Description of Alternate - Fueled Vehicles**

Not Applicable

## FCA US LLC

### Test Group - HCRXT02.45P3

EPA COMP CODE	AA-100	AA-150	AA-200	AM-100	AM-200
E10:Powertrain Control Module					
E11:Transmission Control Module					
E17:ABS Control Module					
F03:Plastic Fuel Tank (Partial)					
F05:Fuel Pump					
F10:Fuel Level Sending Unit					
F16:Fuel Tank Filler Cap					
F17:Fuel Tank Check Valve					
F21:Fuel Tank Rollover Valve					
F29:Fuel Tank Pressure Sensor					
F40:Throttle Body					
F50:Fuel Injector					
F55:Fuel Pressure Regulator					
F64:Fuel Pump Module					
F70:Evap. Canister Assembly					
F73:ORVR Control Valve					
F79:ESIM (Evaporative System Integrity Monitor)					

<b>EPA COMP CODE</b>	<b>AA-100</b>	<b>AA-150</b>	<b>AA-200</b>	<b>AM-100</b>	<b>AM-200</b>
H08:Exhaust Manifold Catalytic Converter					
H10:Catalytic Converter					
H15:Front Exhaust Pipe Assembly with Catalytic Converters					
I05:Spark Plug					
L01:Heated Oxygen Sensor					
L13:Accelerator Pedal Assembly					
L15:Camshaft Position Sensor					
L16:Crankshaft Position Sensor					
L20:Knock Sensor					
L25:Vehicle Speed Sensor					
M01:Engine Coolant Temp. Sensor					
M02:Charge Air Temperature Sensor					
M04:Intake Air Temperature Sensor					
M07:Oil Temperature Sensor					
M10:Ambient Temperature Sensor					
N13:Multiair Actuator Oil Temperature Sensor					
N24:Oil Pressure Sensor					
N33:Intake Manifold Tuning Valve					
N50:Engine Thermostat					
T27:Transmission Pressure Sensor					

EPA COMP CODE	AA-100	AA-150	AA-200	AM-100	AM-200
T53:Transmission Range Sensor					
V01:PCV Valve					
V05:MAP Sensor					
V63:Evap. Can. Purge Solenoid					
V80:Active Grill Shutter Actuator					
Z01:VECI Label					

Section11-100 Engine Parts List



# FCA US LLC

**Test Group :**HCRXT02.45P3

**Durability Group:** HCRXGPGNNF08   **Standard Fed:** Bin160   **Cal:** L3LEV160

Trans. Code	Sales Code	Transfer Case Sales Code/Drive Code	No. of Gears	Over Drive Gear Ratio	Drive Gear Ratio	Engine Sales Code	Torque Code	Torque Size	Conv Clutch Control Type Calib/Special Features
L9	DFJ	DK4 / 4P	9	0.479	4.7,2.842,1.909,1.382,1.0,0.808,0.699,0.58,0.479	ED6	UC	242MM	Electronically shifted data on file
M5	DD7	2F	5	0.72	3.77,2.16,1.414,1.026,0.72	ED3			
M5	DD7	2F	5	0.72	3.77,2.16,1.414,1.026,0.72	ECN			

Section12-200 Transmission

# FCA US LLC

**HCRXT02.45P3**

**Durability Group:**  
**HCRXGPGNNF08**

**Standard Fed: Bin160      Cal: L3LEV160**

**Asterisk (\*) Indicates Manufacturer has elected to certify at this higher test weight class as allowed by CFR 86.1831-01**

**Engine Code AA-100      Eng Displ: 2.4L (ED6)      Evap Family - Evap Code: HCRXR0118PP0-15.8**

Model	Carline Name	Model Qualifier	Opt	Trans. / Tr.Case	Torq. Conv./ Catalyst Identifier	GVW	LVW TWC Drive Curb	ALVW TWC Drive Curb	Axle / OTGR	N/V	Tire	Tire Mfr.	Tire Constr.Cd.	Elec Dyno Q.C.	Elec Dyno RLHP	Dyno Coeff 70A	Dyno Coeff 70 B	Dyno Coeff 70C	Dyno Coeff 20A	Dyno Coeff 20B	Dyno Coeff 20C
KLJA74	Jeep: Cherokee 4x4 Active Drive II	AD2		L9 - 4WD DFJ / DK4-4P	UC B2.4c	5500	4250		1.79	21.9	225/65R17 TRF	TZF	ZB788Q	17.35	15.2	37.59000	0.03000	0.02986	41.35000	0.03300	0.03285
							2281		1.79	21.5	225/60R18 TWS	TZC	303856	17.04	15.4	39.28000	0.04910	0.02962	43.21000	0.05400	0.03258
							4038		1.79	21.3	P245/65R17 TCF	TZF	05079Q	15.63	16.8	37.83000	0.29720	0.02943	41.61000	0.32690	0.03237

**Engine Code AA-150      Eng Displ: 2.4L (ED6)      Evap Family - Evap Code: HCRXR0118PP0-15.8**

Model	Carline Name	Model Qualifier	Opt	Trans. / Tr.Case	Torq. Conv./ Catalyst Identifier	GVW	LVW TWC Drive Curb	ALVW TWC Drive Curb	Axle / OTGR	N/V	Tire	Tire Mfr.	Tire Constr.Cd.	Elec Dyno Q.C.	Elec Dyno RLHP	Dyno Coeff 70A	Dyno Coeff 70 B	Dyno Coeff 70C	Dyno Coeff 20A	Dyno Coeff 20B	Dyno Coeff 20C
KLJA74	Jeep: Cherokee 4x4 Active Drive II	AD2		L9 - 4WD DFJ / DK4-4P	UC B2.4c	5500	4250		1.79	21.9	225/65R17 TRF	TZF	ZB788Q	17.35	15.2	37.59000	0.03000	0.02986	41.35000	0.03300	0.03285
							2281		1.79	21.5	225/60R18 TWS	TZC	303856	17.04	15.4	39.28000	0.04910	0.02962	43.21000	0.05400	0.03258
							4038		1.79	21.3	P245/65R17 TCF	TZF	05079Q	15.63	16.8	37.83000	0.29720	0.02943	41.61000	0.32690	0.03237

**Engine Code AA-200      Eng Displ: 2.4L (ED6)      Evap Family - Evap Code: HCRXR0118PP0-15.8**

Model	Carline Name	Model Qualifier	Opt	Trans. / Tr.Case	Torq. Conv./ Catalyst Identifier	GVW	LVW TWC Drive Curb	ALVW TWC Drive Curb	Axle / OTGR	N/V	Tire	Tire Mfr.	Tire Constr.Cd.	Elec Dyno Q.C.	Elec Dyno RLHP	Dyno Coeff 70A	Dyno Coeff 70 B	Dyno Coeff 70C	Dyno Coeff 20A	Dyno Coeff 20B	Dyno Coeff 20C
KLJA74	Jeep: Cherokee Trailhawk 4X4	TH		L9 - 4WD DFJ / DK4-4P	UC B2.4c	5500	4250		1.96	23.9	225/65R17 TRF	TZF	ZB788Q	17.35	15.2	37.59000	0.03000	0.02986	41.35000	0.03300	0.03285
							2281		1.96	23.5	225/60R18 TWS	TZC	303856	17.04	15.4	39.28000	0.04910	0.02962	43.21000	0.05400	0.03258
							4038		1.96	23.3	P245/65R17 TCF	TZF	05079Q	15.63	16.8	37.83000	0.29720	0.02943	41.61000	0.32690	0.03237

**Engine Code AM-100      Eng Displ: 2.0L (ECN)      Evap Family - Evap Code: HCRXR0112PK0-13.6**

Model	Carline Name	Model Qualifier	Opt	Trans. / Tr.Case	Torq. Conv./ Catalyst Identifier	GVW	LVW TWC Drive Curb	ALVW TWC Drive Curb	Axle / OTGR	N/V	Tire	Tire Mfr.	Tire Constr.Cd.	Elec Dyno Q.C.	Elec Dyno RLHP	Dyno Coeff 70A	Dyno Coeff 70 B	Dyno Coeff 70C	Dyno Coeff 20A	Dyno Coeff 20B	Dyno Coeff 20C
MKTA49	Jeep: Compass X FWD			M5 - FWD DD7	T2.0a	4435	3500* 1822 3133		2.97	37.8	P205/70R16 TLB	TZA	3X7071C	16.71	13.0	23.79000	0.26290	0.02416	26.17000	0.28920	0.02658
									2.97	38.2	P215/60R17 TTU	TZF	DX411P	16.25	13.3	26.67000	0.28400	0.02368	29.34000	0.31240	0.02605
									2.97	36.8	P215/65R17 TRX	TZA	2X7232A	15.69	13.8	28.35000	0.28590	0.02438	31.19000	0.31450	0.02682
									2.97	37.7	P215/55R18 TT1	TZF	DX651P	15.05	14.4	33.75000	0.32040	0.02328	37.13000	0.35240	0.02561
MKTA74	Jeep: Patriot X FWD			M5 - FWD DD7	T2.0a	4435	3500* 1810 3129		2.97	37.8	P205/70R16 TLB	TZA	3X7071C	16.64	13.0	22.43000	0.31090	0.02391	24.67000	0.34200	0.02630
									2.97	38.2	P215/60R17 TTU	TZF	DX411P	15.66	13.8	27.27000	0.28520	0.02492	30.00000	0.31370	0.02741
									2.97	36.8	P215/65R17 TRX	TZA	2X7232A	15.42	14.1	27.98000	0.23500	0.02628	30.78000	0.25850	0.02891

**Engine Code AM-200      Eng Displ: 2.4L (ED3)      Evap Family - Evap Code: HCRXR0112PK0-13.6**

Model	Carline Name	Model Qualifier	Opt	Trans. / Tr.Case	Torq. Conv./ Catalyst Identifier	GVW	LVW TWC Drive Curb	ALVW TWC Drive Curb	Axle / OTGR	N/V	Tire	Tire Mfr.	Tire Constr.Cd.	Elec Dyno Q.C.	Elec Dyno RLHP	Dyno Coeff 70A	Dyno Coeff 70 B	Dyno Coeff 70C	Dyno Coeff 20A	Dyno Coeff 20B	Dyno Coeff 20C
MKTA49	Jeep: Compass X FWD			M5 - FWD DD7	T2.4e	4435	3375 1829 3122		2.97	37.8	P205/70R16 TLB	TZA	3X7071C	16.13	13.0	23.70000	0.26270	0.02416	26.07000	0.28900	0.02658
									2.97	38.2	P215/60R17 TTU	TZF	DX411P	15.68	13.3	26.58000	0.28370	0.02368	29.24000	0.31210	0.02605
									2.97	36.8	P215/65R17 TRX	TZA	2X7232A	15.15	13.8	28.24000	0.28560	0.02437	31.06000	0.31420	0.02681
									2.97	37.7	P215/55R18 TT1	TZF	DX651P	14.53	14.4	33.62000	0.32000	0.02328	36.98000	0.35200	0.02561
MKTA74	Jeep: Patriot X FWD			M5 - FWD DD7	T2.4e	4435	3500* 1820 3136		2.97	37.8	P205/70R16 TLB	TZA	3X7071C	16.64	13.0	22.43000	0.31090	0.02391	24.67000	0.34200	0.02630
									2.97	38.2	P215/60R17 TTU	TZF	DX411P	15.66	13.8	27.27000	0.28520	0.02492	30.00000	0.31370	0.02741
									2.97	36.8	P215/65R17 TRX	TZA	2X7232A	15.42	14.1	27.98000	0.23500	0.02628	30.78000	0.25850	0.02891

## FCA US LLC

### Test Group: HCRXT02.45P3 - Engine Code Index

**Durability Group:** HCRXGPGNNF08      **Standard :** Bin160 / L3LEV160    **Vehicle Class:** LDT1 (LVW 0-3750, GVW 0-6000) / LDT (0-8500 GVW)

**Engine Code: AA-100 - 2.4L ED6 KL 4WD w/DFJ, 2-SPD PTU, 3.734 FDR w/AGS**

Engine Code	RC #	Date	Engine	Carline	Price Class	Trans. Configuration	GVW Min.	GVW Max.	Test Wt. Min.	Test Wt. Max	Drive Code	Sales Areas
AA-100	Original		2.4L/ED6	KL	AD2	L9/ Automatic L9 - Lockup/Automatic/9-speed	5500	5500	4250	4250	4WD	NSA

**Engine Code: AA-150 - 2.4L ED6 KL 4WD w/DFJ, 2-SPD PTU, 3.734 FDR w/oAGS**

Engine Code	RC #	Date	Engine	Carline	Price Class	Trans. Configuration	GVW Min.	GVW Max.	Test Wt. Min.	Test Wt. Max	Drive Code	Sales Areas
AA-150	Original		2.4L/ED6	KL	AD2	L9/ Automatic L9 - Lockup/Automatic/9-speed	5500	5500	4250	4250	4WD	NSA

**Engine Code: AA-200 - 2.4L ED6 KL 4WD w/DFJ, 2-SPD PTU, 4.083 FDR**

Engine Code	RC #	Date	Engine	Carline	Price Class	Trans. Configuration	GVW Min.	GVW Max.	Test Wt. Min.	Test Wt. Max	Drive Code	Sales Areas
AA-200	Original		2.4L/ED6	KL	TH	L9/ Automatic L9 - Lockup/Automatic/9-speed	5500	5500	4250	4250	4WD	NSA

**Engine Code: AM-100 - 2.0L ECN MK FWD MTX DD7**

Engine Code	RC #	Date	Engine	Carline	Price Class	Trans. Configuration	GVW Min.	GVW Max.	Test Wt. Min.	Test Wt. Max	Drive Code	Sales Areas
AM-100	Original		2.0L/ECN	MK		M5/ Manual 5-speed M5 -	4435	4435	3500	3500	FWD	NAS

Engine Code: AM-200 - 2.4L ED3 MK FWD MTX DD7

Engine Code	RC #	Date	Engine	Carline	Price Class	Trans. Configuration	GVW Min.	GVW Max.	Test Wt. Min.	Test Wt. Max	Drive Code	Sales Areas
AM-200	Original		2.4L/ED3	MK		M5/ Manual 5-speed M5 -	4435	4435	3375	3500	FWD	NAS

**Test Group: HCRXT02.45P3 - No Engine Code Changes**

**Durability Group: HCRXGPGNNF08    Standard Fed: Bin160   Cal: L3LEV160**

RC #	Submission Date	Description
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No Results Found

Section12-500 Engine Code Index

**Vehicle Parameters**

Valves per cylinder                      Engine  
2.0/2.4L - 4

**Test Parameters**

SIL usage:                                      See shift schedule table

Cooling fan configuration:                Models  
All - One fan center front

Addition Cooling:                         Models  
All - None

Evaporative Testing Parameters:       Model  
KL – 116 grams  
MK -- 112 grams

Fuel temperature Profile:                Models  
All – KL Models – eKL  
All – MK Models – ePM1

Special Test Procedure:                  Models  
All - none



July 12, 2016

Mr. Joel Dalton  
Certification and Compliance Division  
U.S. Environmental Protection Agency  
2000 Traverwood Drive  
Ann Arbor, Michigan 48105

Dear Mr. Dalton:

**Re: 2017 Model Year LDT Executive Order Request (#A-009-1315)**

FCA US LLC requests a 2017 MY Certificate of Conformity for the 2.0/2.4L Tier 3 BIN 160 Federal and 50-State test group HCRXT02.45P3 with evaporative families HCRXR0118PP0 and HCRXR0112PK0. This test group is being certified to Tier 3, BIN 160 standards, MSAT standards. FCA US LLC agrees to meet the Tier 3, BIN 160 standards, and the regulations applicable to such vehicles during the full useful lives of the vehicles in test group HCRXT02.45P3. FCA US LLC agrees that the exhaust and evaporative emission standards listed below and in the application for certification apply to both certification and in-use vehicles according to the provisions of 40 CFR, Parts 86 and 88, as applicable. FCA US LLC also elects to follow GHG path 86.1818(f) (1). The FTP emission standards for this LDT/LDV test group are as follows:

<u>Emission Standards</u>		<u>NMOG+NOx</u>	<u>CO</u>	<u>HCHO</u>	<u>Highway NMOG+NOx</u>
Federal BIN 160	150K	0.160	4.2	0.004	0.160
<u>Evaporative Standards</u>		<u>3-Day</u>	<u>2-Day</u>	<u>R/L</u>	<u>ORVR</u>
HCRXR0118PP0	150K	0.400	0.400	0.05	0.20
HCRXR0112PK0	120K	0.65	0.85	0.05	0.20

Initial combined Gasoline CREE for HCRXT02.45P3 test group is = 321.9

The California Executive Order is A-009-1315 and models are as follows:

**Division/Model**

Jeep Cherokee 4x4 Active Drive II  
Jeep Cherokee Trailhawk 4x4  
Jeep Compass X FWD  
Jeep Patriot X FWD

If there are any questions regarding this submission, please contact Beth Borland at (248) 512-3438 or Steve Mazure at (248) 576-5471.

Sincerely,  
FCA US LLC

Steve Mazure, Manager  
Vehicle Certification  
srm/bab





July 12, 2016

Ms. Annette Hebert, Chief  
ECARS Division  
Air Resources Board  
9480 Telstar Avenue, Suite 4  
El Monte, California 91731

Dear Ms. Hebert:

**Re: 2017 Model Year LDT Executive Order Request (#A-009-1315)**

FCA US LLC requests a 2017 MY Executive Order for the 2.0/2.4L 50-State test group HCRXT02.45P3 with evaporative families HCRXR0118PP0 and HCRXR0112PK0. This test group is being certified to LEV160, MSAT standards. FCA US LLC agrees to meet the LEV160 emission standards and the regulations applicable to such vehicles during the full useful lives of the vehicles in test group HCRXT02.45P3. FCA US LLC agrees that the exhaust and evaporative emission standards listed below and in the application for certification apply to both certification and in-use vehicles according to the provisions of 40 CFR, Parts 86 and 88, as applicable. FCA US LLC also elects to follow GHG path 86.1818(f) (1). The FTP emission standards for this PC/LDT test group are as follows:

<u>Emission Standards</u>		<u>NMOG+NO<sub>x</sub></u>	<u>CO</u>	<u>HCHO</u>	<u>Highway NMOG+NO<sub>x</sub></u>
California LEV160	150K	0.160	4.2	0.004	0.160
<u>Evaporative Standards</u>		<u>3-Day</u>	<u>2-Day</u>	<u>R/L</u>	<u>ORVR</u>
HCRXR0118PP0	150K	0.50	0.50	0.05	0.20
HCRXR0112PK0	150K	0.65	0.85	0.05	0.20

Initial combined Gasoline CREE for HCRXT02.45P3 test group is = 321.9

FCA US LLC attests that the test and production vehicles do not have defeat devices; that all AECDs have been declared and described in the Application; and that test and production vehicles do not have alternate maps.

If there are any questions regarding this submission, please contact Beth Borland at (248) 512-3438 or Steve Mazure at (248) 576-5471.

Sincerely,

FCA US LLC

Steve Mazure, Manager  
Vehicle Certification

c: L. Benedict  
srm/bab

# USEPA Fee Form

## General Information

Date:	<input type="text" value="01/27/2016"/>
Process Code:	<input type="text" value="Submit New Filing Fee Form"/>
Manufacturer Code:	<input type="text" value="CRX"/>
Manufacturer Name:	<input type="text" value="FCA USLLC"/>

## Manufacturer Contact

Name:	<input type="text" value="Kelli Myers"/>
Email Address:	<input type="text" value="kelli.myers@fcagroup.com"/>
Phone:	<input type="text" value="248-576-5457"/>
Calendar Year complete application submitted to EPA:	<input type="text" value="2016"/>
Engine Family / Evaporative Family / Test Group:	<input type="text" value="HCRXT02.45P3"/>

## Certificate Request Type (Industry Sector Code)

- |  |   |
|--|---|
| <input checked="" type="radio"/> On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (Federal) (A, B, D, J, T, V) | <input type="radio"/> Nonroad CI (L)  |
| <input type="radio"/> On-Highway HDE Dyno Cert (Federal) (E, H)  | <input type="radio"/> Nonroad SI (B, S)   |
| <input type="radio"/> On-Highway LD ICI, MDPV ICI, HDV ICI (A, B, D, J, T, V)                              | <input type="radio"/> Locomotive (G, K)   |
| <input type="radio"/> On-Highway Motorcycle (C)  | <input type="radio"/> All Nonroad Recreational, excluding Marine engines (X, Y) |
| <input type="radio"/> On-Highway HDV Evap (F)  | <input type="radio"/> All Marine (Including IMO) (M, N, W)                      |
| <input type="radio"/> On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (California-Only) (A, B, D, J, T, V)    | <input type="radio"/> Component Certification for Evaporative Emissions (P)     |
| <input type="radio"/> On-Highway HDE Dyno Cert (California-Only) (E, H)                                    |   |

IMO Name (Required for dual US/IMO Marine Only):

ICI VIN Number (Required for ICIs Only):

Do you qualify for a Reduced Fee (RF)?

What is the total number of vehicles, engines, or units covered?:

What is the aggregate total retail value of the vehicles, engines or units covered?:


## Payment Information

Amount Owed:	<input type="text" value="22,889.00"/>
Payment Type:	<input type="text" value="Offline Wire"/>

## Comments:




**2017 50-STATE (NAS) 2.4L (ED6) KL**  
Test Group: HCRXT02.45P3

FCA US LLC		VEHICLE EMISSION CONTROL INFORMATION	
GROUP: HCRXT02.45P3 NO ADJUSTMENTS NEEDED HO2S / SFI / TWC / WR - HO2S		EVAP: HCRXR0118PP0	CONFORMS TO REGULATIONS: 2017 MY ENGINE: 2.4L
U.S. EPA: T3 B160 LDT OBD: CA OBD II FUEL: GASOLINE			47480 <b>857AA</b>
CA: LEV160 LDT OBD: CA OBD II FUEL: GASOLINE			

**HCRXV02.45P3 Part 1 Section 15-100 (2017)**




**2017 50-STATE (NAS) 2.0L (ECN) MK**  
Test Group: HCRXT02.45P3

FCA US LLC		VEHICLE EMISSION CONTROL INFORMATION	
GROUP: HCRXT02.45P3 NO ADJUSTMENTS NEEDED HO2S / SFI / TWC		EVAP: HCRXR0112PK0	CONFORMS TO REGULATIONS: 2017 MY ENGINE: 2.0L
U.S. EPA: T3 B160 LDT		OBD: CA OBD II	47480 <b>903AA</b> 
CA: LEV160 LDT		OBD: CA OBD II	
		FUEL: GASOLINE	

**HCRXV02.45P3 Part 1 Section 15-101 (2017)**



**2017 50-STATE (NAS) 2.4L (ED6) MK**  
Test Group: HCRXT02.45P3

FCA US LLC		VEHICLE EMISSION CONTROL INFORMATION	
GROUP: HCRXT02.45P3 NO ADJUSTMENTS NEEDED HO2S / SFI / TWC		EVAP: HCRXR0112PK0	CONFORMS TO REGULATIONS: 2017 MY ENGINE: 2.4L
U.S. EPA: T3 B160 LDT		OBD: CA OBD II	FUEL: GASOLINE
CA: LEV160 LDT		OBD: CA OBD II	FUEL: GASOLINE
		47480 904AA	
			

**HCRXV02.45P3 Part 1 Section 15-102 (2017)**